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FORM PTO-1449 U.S. Department of Commerce Patent and Trademark Office	Docket No.: MEDIV2010-4	Application No.: 10/618,183	
	Applicant: Epstein et al.	Confirmation No.: 4304	
INFORMATION DISCLOSURE STATEMENT BY APPLICANT	Filing Date: July 10, 2003	Group Art Unit: 1657 1636	

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U.S. PATENT DOCUMENTS

EXAM. INITIALS	DOCUMENT NUMBER	DATE	NAME	CLASS	SUB- CLASS	FILING DATE
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FOREIGN PATENT DOCUMENTS

EXAM. INITIALS	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB- CLASS	TRANSLATION

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages)

M	Anderson, "Human gene therapy", Nature, 392(6679 Supp.):25-30 (April 1998)
	Bickenbach et al., "Selection and Extended Growth of Murine Epidermal Stem Cells in Culture", Exp. Cell Res., 244(1):184-195 (Oct. 1998)
	Blanquaert et al., "RGTA modulates the healing pattern of a defect in a monolayer of osteoblastic cells by acting on both proliferation and migration", J. Biomed. Mater. Res., 64A(3):525-532 (March 2003)
	Blume et al., "A Review of Autologous Hematopoietic Cell Transplantation", Biology of Blood and Marrow Transplantation, 6:1-12 (2000)
	Brugger al., "Ex Vivo Manipulation of Hematopoietic Stem and Progenitor Cells", Seminars in Hematology, 37(1)(Supplement 2):42-49 (Jan. 2000)
	Check, "Cancer fears cast doubts on future of gene therapy", <i>Nature</i> , 421(6924):678 (Feb. 2003)
h	Dini et al., "Peripheral Blood Stem Cell Collection from G-CSF-Stimulated Unrelated Donors for Second Transplant," <i>Bone Marrow Transplantation</i> , 22(Supplement 5):S41-S45 (1998)

EXAMINER DATE CONSIDERED 06/15/04		 	
	EXAMINER	DATE CONSIDERED	,
		06/15/04	

EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

Form 1449

FORM PTO-1449 U.S. Department of Commerce Patent and Trademark Office	Docket No.: MEDIV2010-4	Application No.: 10/618,183
	Applicant: Epstein et al.	Confirmation No.: 4304
INFORMATION DISCLOSURE STATEMENT BY APPLICANT	Filing Date: July 10, 2003	Group Art Unit: 1632 (636

RS	Fielding et al., "Autologous Bone Marrow Transplantation", Current Opinion in Hematology, 1:412-417 (1994)
	Kanj et al., "Myocardial Ischemia Associated With High-Dose Carmustine Infusion," Cancer, 68:1910-1912 (Nov. 1991)
	Juengst, "What next for human gene therapy?", BMJ, 326(7404):1410-1411 (June 2003)
	Kmiec, "Gene Therapy", American Scientist, 87:240-247 (May-June 1999)
	Noishiki et al., "Angiogenic Growth Factor Release System for In Vivo Tissue Engineering: A Trial of Bone Marrow Transplantation into Ischemic Myocardium," J. Artif. Organs, 2:85-91 (1999)
	Perin et al., "Transendocardial, Autologous Bone Marrow Cell Transplantation for Severe, Chronic Ischemic Heart Failure", Circulation, 107(18):2294-2302 (May 2003)
	Simnett et al., "Autologous Stem Cell Transplantation for Malignancy: A Systematic Review of the Literature," Clin. Lab. Haem., 22:61-72 (2000)
	Stamm et al., "Autologous bone-marrow stem-cell transplantation for myocardial regeneration", <i>The Lancet</i> , 361(9351):45-46 (Jan. 2003)
	Tao et al., "Evidence for transdifferentiation of human bone marrow-derived stem cells: recent progress and controversies", <i>Pathology</i> , 35(1):6-13 (Feb. 2003)
	Tomita et al, "Autologous Transplantation of Bone Marrow Cells Improves Damaged Heart Function", Circulation, 100(19 Suppl):II247-II256 (Nov. 1999)
	Vaughan et al., "Roundtable Discussion: Incorporating Bone Marow Transplantation Into NCCN Guidelines," <i>Onocology</i> , 12(11A):390-392, NCCN Proceedings (Nov. 1998)
Rs	Verma et al., "Gene therapy – promises, problems and prospects", <i>Nature</i> , 389(6648):239-42 (Sept. 1997)

	Λ	
EXAMINER -	Masa	DATE CONSIDERED 36/15/04

EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

Form 1449

SUPPLEMENTAL FORM PTO-1449 U.S. Department of Commerce Patent and Trademark Office	Docket No. MEDIV2010-4 (103477-44)	Serial No.: 10/618,183
	Applicant(s): Epstein et al.	4
INFORMATION DISCLOSURE STATEMENT BY APPLICANT	Filing Date: July 10, 2003	Group Art Unit: 1637 /636
Q11 E 45)		
U.S.	PATENT DOCUMENTS	

EXAM. INITIALS	3 TRADE	DOCUMENT NUMBER	DATE	NAME	CLASS	SUB- CLASS	FILING DATE
	AA	6,013,780	01/11/2000	Neufeld et al.			

FOREIGN PATENT DOCUMENTS

EXAM. INITIALS		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB- CLASS	TRANSLATION (YES/NO)
(A)	AB	WO00/57922	10/05/2000	WIPO			

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages)

W	AC	S. Fuchs, et al., "Transendocardial Delivery of Autologous Bone Marrow Enhances Collateral Perfusion and Regional Function in Pigs with Chronic Experimental Myocardial Ischemia," <i>Journal of American College of Cardiology</i> , 2001, Vol. 37, No. 6, pgs. 1726-1732
hx	AD	C. Kalka, et al., "Angiogenesis and Vasculogenesis," Herz, 2000, Vol. 25, No. 6, pgs. 611-622
818	AE	B.E. Strauer, M.D., et al., "Stem Cell Therapy in Perspective," Circulation, 2003, Vol. 107, pgs. 929-934

DATE CONSIDERED 06/23/64

EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

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FORM PTO-1449 U.S. Department of Commerce Patent and Trademark Office	Docket No. MEDIV2010-4 (103477-44) Applicant(s): Epstein et al. Serial No.: 10/618,183		
INFORMATION DISCLOSURE STATEMENT BY APPLICANT	Filing Date: July 10, 2003	Group Art Unit: 1632	

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U.S. PATENT DOCUMENTS

EXAM. INITIALS		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB- CLASS	FILING DATE
%	AA	5,817,773	10/06/98	Wilson and Gabrilove			

FOREIGN PATENT DOCUMENTS

EXAM. INITIALS		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB- CLASS	TRANSLATION (YES/NO)
W.	AB	WO 91/04274	04/04/91	PCT			
N	AC	WO 99/00486	01/07/99	PCT			

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages)

W	AD	Dubrey et al., "Improvement of Echocardiographic and Electrocardiographic features in AL Cardiac Amyloidosis with Intensive Melphalan and Autologous Stem Cell Rescue" Boston University School of Medicine, XP-00107 135
	AE	Isner and Asahara, "Angiogenesis and vasculogenesis as therapeutic strategies for postnatal neovascularization" <i>The Journal of Clinical Investigation</i> 103 (9):1231-1236 (1999)
	AF	Karen K. Fields, "Autologous Bone Marrow Transplantation and Melanoma: A Focused Review of the Literature" Annals of Plastic Surgery 28 (1):70-73 (1992), XP-001069809
	AG	Noishiki et al., "Autocrine angiogenic vascular prosthesis with bone marrow transplantation" Nature Medicine, 2 (1):90-93 (1996)
W	AH	Tomita et al., "Autotransplanted Mesenchymal Stem Cells Improve Functions After A Myocardial Infarction," Circulation 98 (17):I200 Abstract 1037

EXAMINER	<i>th</i> >	DATE CONSIDERED	
0 4		06/23/04	

EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

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Applicant 100,000/82 1823/64

U.S. Department of Commerce Patent and Trademark Office 007 3 1 2003	D cket No. MEDIV2010-4 (103477-44)	Serial No.: 10/618,183	
	Applicant(s): Epstein et al.		
INFORMATION MECLOSURE STATEMENT BY APPLICANT	Filing Date: July 10, 2003	Group Art Unit: 1632	

W	AI	Yamauchi et al., "New agents for the treatment of infracted myocardium" The FASEB Journal 10.1096/fj.99-0565fje (2000)
		Journal 10.1090/1j.99-03031je (2000)

EXAMINER January	DATE CONSIDERED

EXAMINER. Initial If enation considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.